Index of Claims

| Application | /Control | No |
|-------------|----------|----|
|-------------|----------|----|

10/500,573

Examiner

Tan N. Tran

Applicant(s)/Patent under Reexamination

ARUGA ET AL.

Art Unit 2826

| <b>√</b> | Rejected |
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| 1        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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|   |                                |

Restricted

| N | Non-Elected |
|---|-------------|
|   |             |

Interference

A Appeal
O Objected

|       |                       |                 | Ь              |          |              |              | J  |                |  | L               |
|-------|-----------------------|-----------------|----------------|----------|--------------|--------------|--|----------------|--|-----------------|
| Cla   | im                    | Date            |                |          |              |              |  |                |  |                 |
| Final | Original              | 30              |                |          |              |              | Ĭ  |                |  |                 |
| ш.    |                       | 50/01 22        |                | _        | _            | ļ            | ļ  |                |  | _               |
|       | 1<br>2<br>3<br>4<br>5 | 10              | <u> </u>       | ├-       | -            | -            | -  | <del>  -</del> | ┞  | H               |
|       | 2                     | ابر             | <del> </del>   | ⊢        | ـــ          | <del> </del> | ╄  | ┡              | ┡  |                 |
|       | 3                     | 0               | <b> </b>       | ⊢        | ┝            | ╁            | ⊢  | ┞              | Ͱ  | -               |
|       | 4                     | V               | <del> </del> — | ⊢        | ├            | ⊢            | ├-   | <del> </del>   | ├  | $\vdash$        |
|       | 5                     | 1               | ļ-             | ┢        | ⊢            | ╁            | ┢  | ⊢              | ⊢  | $\vdash$        |
|       | 7                     | 0               | $\vdash$       | $\vdash$ | ⊢            | ┢            | $\vdash$   | ┢┈             | -  | ├               |
|       | 8                     | ~               | -              | $\vdash$ | ┢            | ┢            | -  | ┢              | ┢  |                 |
|       | 9                     | 5               | ┢              | ┢        | ╁            | $\vdash$     | ╁  | H              | ┢  | -               |
|       | 10                    | 4000            | -              | ┢        | H            | $\vdash$     | $\vdash$   | ├-             | <del>                                     </del> | -               |
|       | 11                    | ŭ               | 1              | $\vdash$ | 1            | $\vdash$     | $\vdash$   | H              | $\vdash$   |                 |
|       | 12                    | ~               | ~              | $\vdash$ | _            | <u> </u>     | $\vdash$   | l              |  |                 |
|       | 13                    |                 | Г              |          |              | T            | $\vdash$   | T              | Г  | П               |
|       | 13<br>14<br>15        |                 | Г              | Γ        | Г            | 1            | $\vdash$   | П              | Г  |                 |
|       | 15                    |                 |                |          |              |              |  | Ī              |  |                 |
|       | 16<br>17              |                 |                |          |              |              |  |                |  |                 |
|       | 17                    |                 |                |          |              |              |  |                |  |                 |
|       | 18                    |                 |                |          |              |              |  |                |  |                 |
|       | 19<br>20              | L               | _              | _        | L            |              |  | <u> </u>       |  |                 |
|       | 20                    |                 | <u> </u>       | _        | _            | L            | <u> </u>   | L              |  |                 |
|       | 21                    |                 | <u> </u>       | <u> </u> | L.           | <u> </u>     | <u> </u>   | ļ_             | <u> </u>   |                 |
|       | 21<br>22<br>23        | _               |                | <u> </u> | _            | <u> </u>     | <u> </u>   | <u> </u>       | <u> </u>   | Ш               |
|       | 23                    | <u> </u>        |                |          |              |              | -  |                | _  | Н               |
|       | 24<br>25              | $\vdash$        |                | -        | -            | ⊢            | -  |                | ├  |                 |
|       | 26                    | H               | -              | -        | -            |              |  | ┢              | ┢  | Н               |
|       | 27                    | $\vdash$        | -              | -        | _            |              |  |                | $\vdash$   | Н               |
|       | 27<br>28              | Н               | -              | $\vdash$ |              |              | 1  | ┢              |  | Н               |
|       | 29                    |                 | _              | $\vdash$ | Т            | Т            |  | Г              | _  | Н               |
|       | 30                    | П               |                |          |              | 一            |  |                | T  | П               |
|       | 31                    | П               |                |          |              |              |  |                |  | П               |
|       | 32<br>33              |                 |                |          |              |              |  |                |  |                 |
|       | 33                    |                 |                |          |              |              |  |                |  |                 |
|       | 34                    | Ш               |                |          |              |              |  |                |  |                 |
|       | 35                    | Ш               |                | L        |              |              | <u> </u>   | L              | L  | Ш               |
|       | 36                    | Ш               | _              | <u> </u> | _            | <u> </u>     | <u> </u>   | _              | <u> </u>   | Щ               |
|       | 37                    | Н               |                |          | <u> </u>     | <u> </u>     | <u> </u>   | <u> </u>       | ┞  | Щ               |
|       | 38                    | Н               |                | _        | $\vdash$     | <del> </del> | $\vdash$   | <u> </u>       | $\vdash$   | $\vdash \vdash$ |
|       | 39<br>40              | $\vdash$        |                | _        | <u> </u>     | $\vdash$     | <del> </del>                                     | -              | $\vdash$   | Н               |
|       | 41                    | $\vdash \vdash$ |                | _        | <del> </del> | $\vdash$     | $\vdash$   | <u> </u>       | ļ  | $\vdash \vdash$ |
|       | 42                    | $\vdash$        | _              | -        | $\vdash$     | -            | <del>                                     </del> | -              |  | $\vdash$        |
|       | 43                    | $\vdash$        | _              | -        | H            | ┢            |  | -              |  | $\vdash$        |
|       | 44                    |                 |                |          | $\vdash$     | $\vdash$     | Н  | $\vdash$       | _  | $\dashv$        |
|       | 45                    | $\vdash$        |                | _        | _            | _            |  | Н              | Н  | Н               |
|       | 46                    | $\Box$          |                |          | Г            |              | П  |                |  | $\vdash$        |
|       | 47                    |                 | _              |          |              |              |  |                |  |                 |
|       | 48                    |                 |                |          |              |              |  |                |  |                 |
|       | 49                    |                 |                |          |              |              |  |                |  |                 |
|       | 50                    |                 |                |          |              |              |  |                |  |                 |

| Cli   | aim      | T            |          |          | -  | Dat          |  |  |          |  |
|-------|----------|--------------|----------|----------|--|--------------|--|--|----------|--|
| -011  |          | -            | T-       | Т        | т-   | T            | Ť  | T  |          |  |
| Final | Original |              |          |          |  |              |  |  |          |  |
| _     | 51       | 一            | ┢        | ╁        | <del>  -</del>                                   | H            | H  | ┢  |          | <del>                                     </del> |
|       | 51<br>52 |              | $\vdash$ | <u> </u> | <del>                                     </del> | T            | $\vdash$   | <del>                                     </del> | 一        | ┢  |
|       | 53       | T-           | $\vdash$ | †        |  | ┢            | ├──  | $\vdash$   | $\vdash$ | Н  |
|       | 54       | $\vdash$     | 一        | tΤ       | _  | ┢            | $\vdash$   | $\vdash$   |          | $\vdash$   |
|       | 54<br>55 | $\vdash$     |          | T        |  | $\vdash$     | $\vdash$   | 1  | T        | Ħ  |
|       | 56       | _            | ┪        | T        | T  | _            | 1  | T  |          |  |
|       | 57       | ┢            | $\vdash$ | $\vdash$ | T  | $\vdash$     | T  | <del>                                     </del> | $\vdash$ | $\vdash$   |
| 1     | 58       | T            | Г        |          |  | Г            | 1  |  | Г        | T-   |
|       | 59       |              |          |          |  | İ            |  |  |          |  |
|       | 60       |              |          |          |  |              |  |  |          | <u> </u>   |
|       | 61       |              |          |          | Г  | $\vdash$     |  |  |          |  |
|       | 62       | Г            |          |          |  |              | Г  |  | Г        | Г  |
|       | 62<br>63 |              |          |          |  |              |  |  |          |  |
|       | 64       |              |          |          |  |              |  | Ι  |          |  |
|       | 65       |              |          |          |  |              |  |  |          |  |
|       | 66       |              |          |          |  |              |  |  | Г        | Г  |
|       | 67       |              |          |          |  |              |  |  |          |  |
|       | 68       | Ī            |          |          |  |              |  |  |          |  |
|       | 69       |              |          |          |  |              |  |  |          |  |
|       | 70       |              |          |          |  |              |  |  |          |  |
|       | 71       |              |          |          |  |              |  |  |          |  |
|       | 72       |              |          |          |  |              |  |  | L        |  |
| L     | 73<br>74 | L            |          |          |  |              |  | L  |          |  |
|       | 74       |              |          | L        | L  | 乚            |  | <u> </u>   |          |  |
|       | 75       |              |          | <u> </u> |  | <u> </u>     |  | _  |          | 乚  |
|       | 76<br>77 | ļ_           | _        | ╙        | <u> </u>   | <u> </u>     | <u> </u>   | _  | L        |  |
|       | 77       | _            | _        | L        | L  | <u> </u>     | L  | _  | <u> </u> | L  |
| -     | 78       | <u> </u>     | <u> </u> | _        | <u> </u>   | _            | _  | _  | _        | <u> </u>   |
| -     | 79       | _            | <u> </u> | <u> </u> | <u> </u>   | -            | _  | _  | <u> </u> | _  |
|       | 80       | <u> </u>     | <u> </u> | <u> </u> | _  | _            | <u> </u>   | <u> </u>   | <u> </u> | _  |
|       | 81       | <u> </u>     | <u> </u> | <u> </u> | L  | _            | <b> </b> _                                       |  | <u> </u> | _  |
|       | 82<br>83 |              | <u> </u> | <u> </u> | ⊢  | $\vdash$     | _  | <u> </u>   | _        | _  |
| ·     |          | <del> </del> | ⊢        | -        | <del> </del>                                     | $\vdash$     | <del> </del>                                     | -  | <u> </u> | -  |
|       | 84<br>85 | $\vdash$     |          | $\vdash$ | $\vdash$   | ├-           | -  | $\vdash$   | $\vdash$ | $\vdash$   |
| -     | 86       | $\vdash$     | -        | $\vdash$ | ├  | $\vdash$     | -  | $\vdash$   | $\vdash$ | -  |
| -     | 87       | $\vdash$     | $\vdash$ | ⊢        | -  | <del> </del> | ├  | $\vdash$   | $\vdash$ | $\vdash$   |
|       | 88       | -            | -        | $\vdash$ | $\vdash$   | -            | ├  | -  | <u> </u> | $\vdash$   |
|       | 89       | $\vdash$     |          | $\vdash$ | $\vdash$   | $\vdash$     | <del>                                     </del> | _  |          | -  |
|       | 90       | -            |          | $\vdash$ | -  | -            | -  |  | $\vdash$ | <del>  -</del>                                   |
|       | 91       | $\vdash$     | _        | $\vdash$ | -  | $\vdash$     | $\vdash$   | $\vdash$   | -        | $\vdash$   |
|       | 92       |              | Т        | $\vdash$ | $\vdash$   |              | -  | $\vdash$   | $\vdash$ | $\vdash$   |
|       | 93       |              |          | $\vdash$ |  |              | $\vdash$   | $\vdash$   |          | $\vdash$   |
|       | 94       |              |          | Ι        |  |              | $\vdash$   | $\vdash$   | <u> </u> |  |
|       | 95       |              |          | Τ        |  |              |  | $\vdash$   | _        | $\vdash$   |
|       | 96       |              |          |          |  |              | T-   | $\vdash$   |          |  |
|       | 97       |              |          |          |  |              |  |  |          |  |
|       | 98       |              |          |          |  |              |  |  |          |  |
|       | 99       |              |          |          |  |              |  | П  |          | П  |
|       | 100      |              |          |          |  |              |  |  |          |  |

| Cla      | aim   |        |          |          | - 1      | Dat      | e  |          |          |          |
|----------|---|--------|----------|----------|----------|----------|--|----------|----------|----------|
|          |   |        | Π        |          | П        |          | Γ  | Γ        | П        | П        |
| <u> </u> | Original  | ŀ      |          |          | ļ        |          | l  |          |          | Ш        |
| Final    | ij  |        | l        |          |          | l        |  |          | l        |          |
|          |   |        | l        |          |          | l        |  |          | ĺ        | ı        |
|          | 101   |        |          | T        | _        | İ        |  |          |          | П        |
|          | 102   |        |          |          | <u> </u> |          | 1  | Т        |          |          |
|          | 101<br>102<br>103   |        | Г        |          | ⇈        |          | Г  |          | Г        |          |
|          | 104   |        |          |          |          | $\vdash$ | Г  |          | Ι-       |          |
|          | 105<br>106  |        |          |          |          |          |  |          |          |          |
|          | 106   |        |          | $\vdash$ | Г        |          |  | Г        |          |          |
|          | 107   |        |          |          | П        |          |  |          |          |          |
|          | 108   |        |          |          | Г        |          |  |          |          |          |
|          | 109   |        |          | Г        | Г        |          | Г  |          |          | П        |
|          | 110   |        |          |          |          | Г        |  |          |          |          |
|          | 111   |        |          | Г        |          |          |  |          |          |          |
|          | 112   |        |          |          | Г        |          | T  |          |          | П        |
|          | 113   |        | Γ        | Г        | Г        | П        |  | П        | П        | П        |
|          | 113<br>114<br>115   |        |          | Ι.       |          |          |  |          |          | П        |
|          | 115   |        |          |          |          |          |  | Г        |          | П        |
|          | 116   |        |          | Γ        |          |          | Γ  | Γ        | Ι_       | П        |
|          | 116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126 |        |          |          |          |          |  |          |          | П        |
|          | 118   |        |          |          |          |          |  |          |          |          |
|          | 119   |        |          |          |          |          |  |          |          | $\Box$   |
|          | 120   |        |          | 1        | Г        |          |  |          |          | М        |
|          | 121   |        |          |          |          |          |  |          | $\vdash$ | Н        |
|          | 122   |        |          |          |          | T        | -  | $\vdash$ | _        | Н        |
|          | 123   |        |          |          |          | $\vdash$ |  |          |          | П        |
|          | 124   |        |          | ┢        |          | -        |  |          | m        | H        |
|          | 125   |        |          | T        | $\vdash$ | $\vdash$ | <del>                                     </del> |          |          | Н        |
|          | 126   |        |          |          |          |          | <u> </u>   | $\vdash$ |          | П        |
|          | 127<br>128<br>129<br>130<br>131<br>132<br>133                             |        |          |          |          | _        | $\vdash$   |          | _        | $\Box$   |
|          | 128   |        |          |          |          | $\vdash$ | $\vdash$   |          | 1        | П        |
|          | 129   |        |          |          |          |          | $\vdash$   | Т        | _        |          |
|          | 130   |        | $\vdash$ |          |          |          |  | _        |          |          |
|          | 131   | _      | $\vdash$ |          |          |          |  | H        |          |          |
|          | 132   |        |          |          | _        |          |  |          |          |          |
| П        | 133   |        | _        |          |          |          |  |          |          |          |
|          | 134   |        |          |          | _        |          |  |          |          | Н        |
| П        | 135   |        |          | <u> </u> |          |          |  |          |          | Н        |
| $\Box$   | 136   |        |          | $\vdash$ | $\vdash$ |          | Г  |          | Г        | Н        |
|          | 137   |        |          |          | Г        | Г        |  |          |          | $\vdash$ |
|          | 138   |        |          |          |          | Г        |  |          |          | Н        |
|          | 138<br>139  |        |          |          |          | Г        |  |          |          | Н        |
|          | 140   |        |          | Г        | $\vdash$ |          |  |          |          | Н        |
|          | 141   |        |          |          |          |          |  | П        |          | Н        |
|          | 142   |        |          |          |          |          |  |          |          | $\Box$   |
|          | 143   |        |          |          |          |          |  |          |          | $\sqcap$ |
|          | 144   |        |          | П        |          |          |  |          |          | $\sqcap$ |
|          | 145   |        |          |          |          |          |  |          |          | $\sqcap$ |
|          | 146   |        |          | П        | П        |          |  |          |          | $\dashv$ |
|          | 147   |        |          | Г        | П        |          |  | $\vdash$ | П        |          |
|          | 148   |        |          | Г        | _        |          |  |          |          | -        |
|          | 149   | $\neg$ |          |          | _        | $\vdash$ |  |          | $\Box$   | $\dashv$ |
|          | 150   |        |          |          | -        | -        | -  |          | Н        | $\dashv$ |
|          | ,50   |        |          | ш        | ш        | ш        |  | لب       | لب       |          |